

What is claimed is:

1. A sliding-type mobile communication terminal having a camera interlocking device, comprising:

5       a main body having a main printed circuit board;  
      a sliding body slidably mounted on the main body;  
      a camera module being installed in the main body;  
      front and back openings through which the camera module  
is exposed to an external side, the front and back openings  
10       being formed in front and back of the main body, respectively;  
      and

      interlocking means for rotating the camera module with a  
sliding motion of the sliding body on the main body.

15       2. The sliding-type mobile communication terminal as  
recited in claim 1, further comprising guide means for guiding  
the sliding motion of the sliding body on the main body.

20       3. The sliding-type mobile communication terminal as  
recited in claim 1, wherein the interlocking means includes:

      a rack gear formed on a surface of the sliding body in a  
sliding direction; and

      a camera module gear engaged with the rack gear to rotate  
the camera module.

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      4. The sliding-type mobile communication terminal as  
recited in claim 1, the interlocking means includes:

a rack gear disposed on a back of the sliding body opposing the front of the main body;

an intermediate idle gear disposed adjacent to the camera module and engaged with the rack gear; and

5 a camera module gear associated with the camera module and engaged with the intermediate idle gear.

5. The sliding-type mobile communication terminal as recited in claim 3, wherein a gear ratio between the rack gear and the camera module gear is determined such that a lens part of the camera module is exposed to the external side through the front or back opening at a point where the sliding movement of the sliding body upward or downward is finished.

15 6. The sliding-type mobile communication terminal as recited in claim 4, wherein gear ratios among the rack gear, the idle gear and the camera module gear are determined such that a lens part of the camera module can be exposed to the external side through the front or back opening at a point  
20 where the sliding movement of the sliding body upward or downward is finished.

7. The sliding-type mobile communication terminal as recited in claim 2, wherein the guide means includes:

25 guide rails formed on one of the sliding and stationary bodies;

guide grooves formed on the other one of the sliding and

stationary bodies to guide the guide rails; and

a stopper for limiting the sliding motion of the sliding body at a point where the sliding motion of the sliding body is finished.